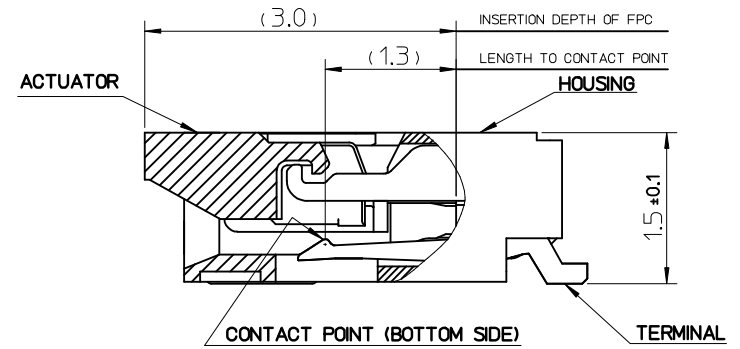
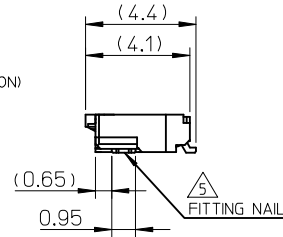
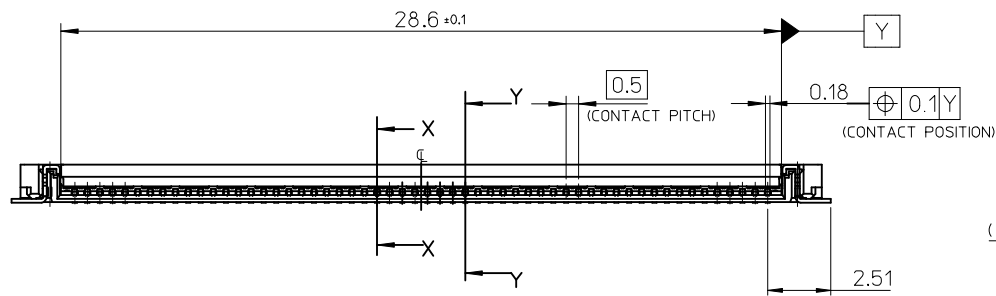
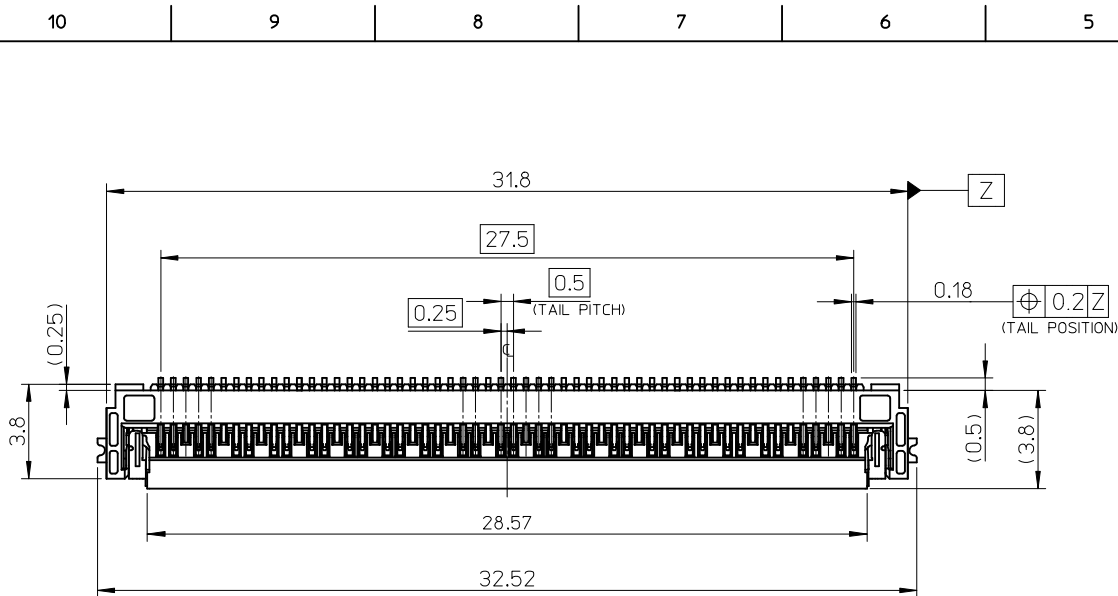
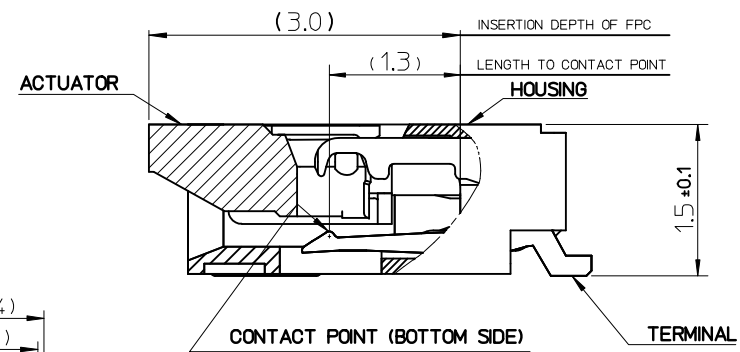
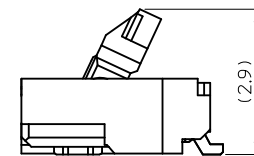




SECTION X-X



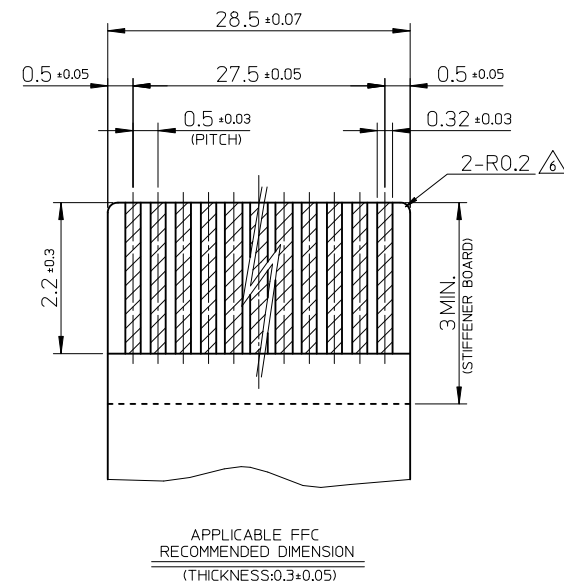
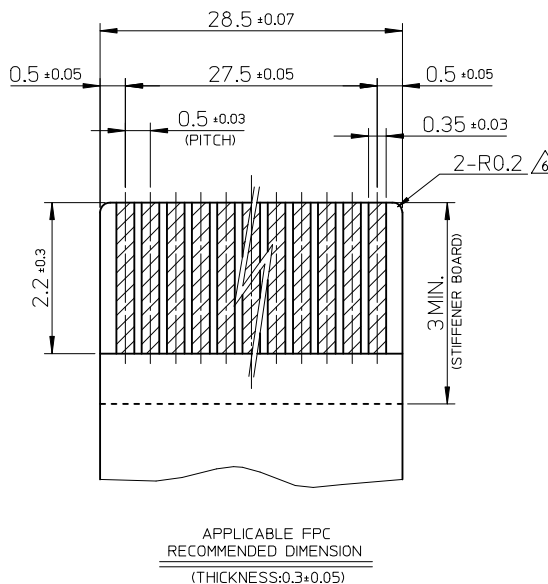
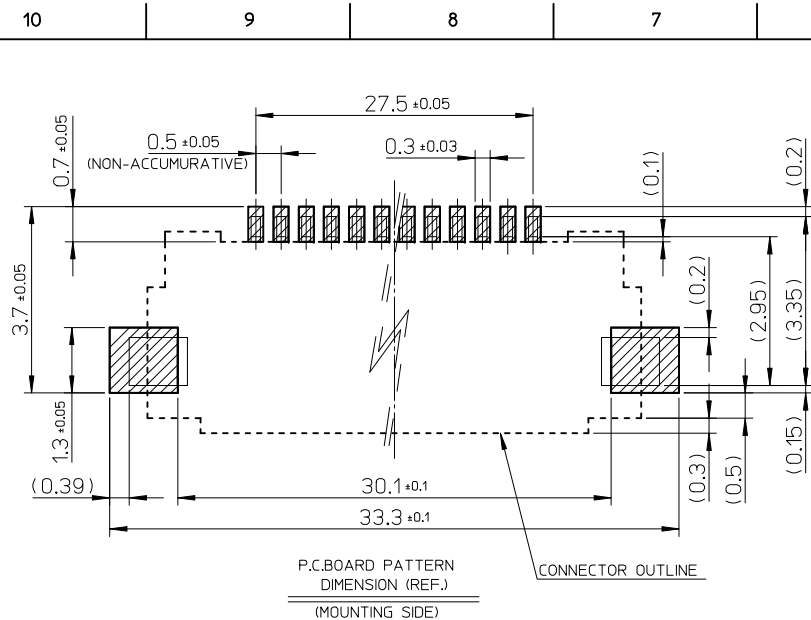
SECTION y-y



(WHEN ACUTATOR IS OPENED)

1041125617	56
ORDER No.	Ckt

NEW RELEASED EC NO: KOR2013-0022 DRWN: JHCHANG CHKD: YSKIM02 APPR: YSKIM02 2012/08/16 2012/08/31	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ◻=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
			mm	INCH	DRAWN BY	DATE	TITLE 0.5MM FPC/FFC FRONTFLIP SLIM CONN. 56P (H=1.5) HOUSING ASS'Y MOLEX INCORPORATED					
			4 PLACES ±	±	JHCHANG	2012/08/16						
			3 PLACES ± 0.005	±	CHECKED BY	DATE						
			2 PLACES ± 0.05	±	KSKIM	2012/08/16						
			1 PLACE ± 0.1	±	APPROVED BY	DATE	MOLEX	DOCUMENT NO. SD-104112-001				
			ANGULAR ± 1 °		YSKIM02	2012/08/31						
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				MATERIAL NO. SEE TABLE		SHEET NO. 1 OF 3						
				SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							



NOTES

1. MATERIAL

HOUSING LCP GLASS FILLED,UL94V-0(NATURAL)
 ACTUATOR PPS GLASS FILLED,UL94V-0(BLACK)
 (CHLORINE CONTROLLED MATERIAL)
 TERMINAL PHOSPHOR BRONZE
 FITTING NAIL PHOSPHOR BRONZE

2. PLATING

TERMINAL : SELECTIVE GOLD[Au] OVER NICKEL[Ni] PLATING.
 CONTACT AREA : GOLD[Au] 0.1 MICROMETER MIN. OVER
 NICKEL[Ni] 1.0 MICROMETER MIN.(UNDER PLATING)
 SOLDER AREA : GOLD[Au] 0.05 MICROMETER MIN. OVER
 NICKEL[Ni] 1.0 MICROMETER MIN.(UNDER PLATING)
 FITTING NAIL : TIN[Sn] OVER NICKEL[Ni] PLATING.
 Tin[Sn] 1~3 MICROMETER.
 NICKEL[Ni] 1~3 MICROMETER (UNDER PLATING)

3. PRODUCT SPECIFICATION : PS-104112-001

4. ACTUATOR IS CLOSED IN THE EMBOSSED PACKING

5. FITTING NAIL FOR PREVENTION OF PEELING OF PCB PATTERN.

△ R0.3 MUST NOT BE OVERLAPPED TO PATTERN OF FPC.

7. N : CIRCUIT.

8. COPLANARITY IS 0.10MAX.

ABOUT FPC/FFC

RECOMMENDED PUNCHER DIRECTION : FROM CONDUCTOR SIDE TO STIFFENER FILM SIDE.
 RECOMMENDED CONDUCTOR THICKNESS OF SOFT COPPER FOIL : 35 μ m OR 50 μ m.

ABOUT FPC

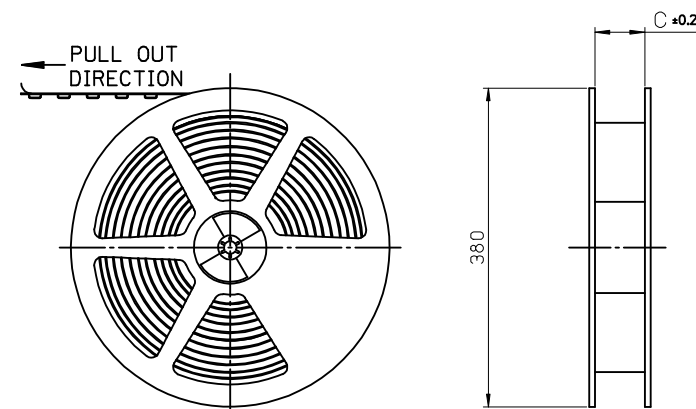
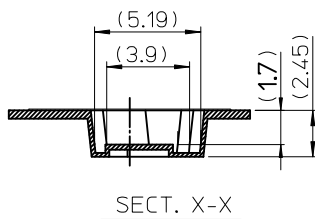
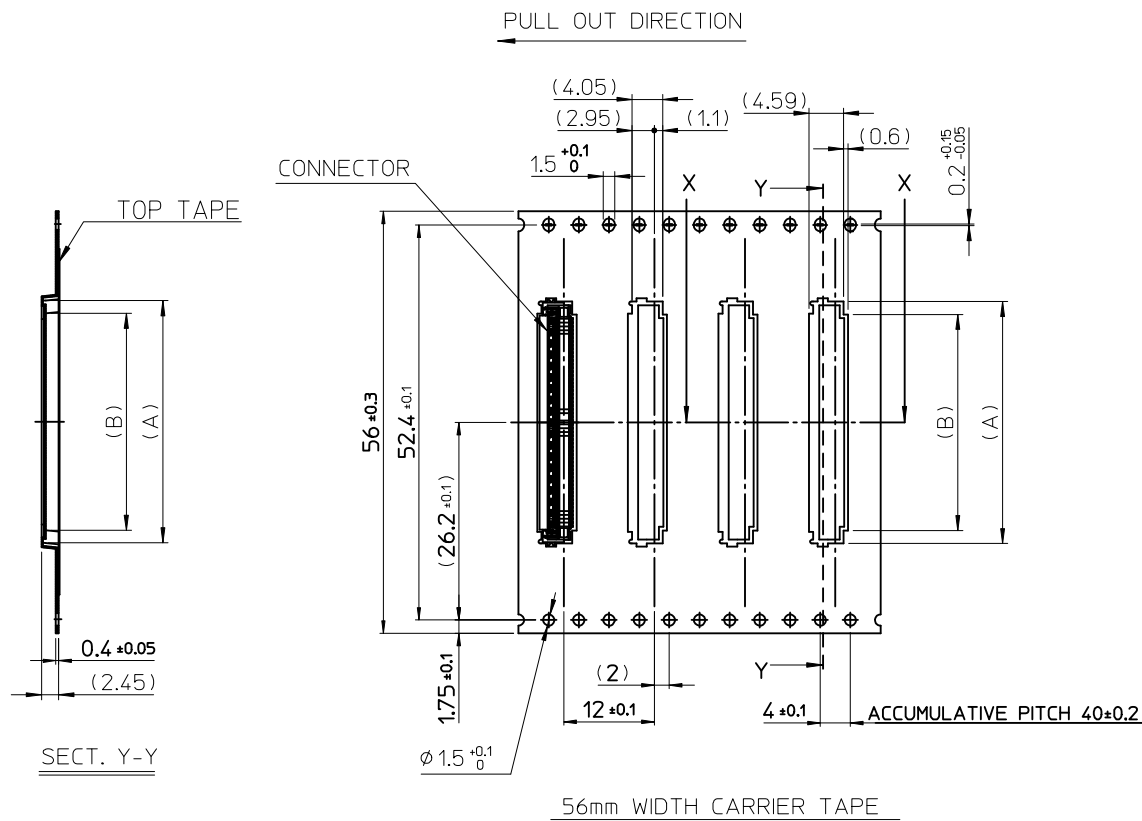
RECOMMENDED MATERIAL/THICKNESS.
 STIFFENER FILM : POLYIMIDE
 BONDING AGENT : THERMOSETTING BONDING AGENT
 BASE FILM THICKNESS : 25 μ m
 PLEASE PUT APPROPRIATE AMOUNT OF ADHESIVE ON THE CONTACT AREA BECAUSE THE EXTRA ADHESIVE MAY CAUSE THE DEFECT IN ELECTRICAL CONTINUITY.

ABOUT METAL MASK

RECOMMENDED METAL MASK THICKNESS : 0.121
 RECOMMENDED METAL MASK OPEN RATIO : OVER 80%

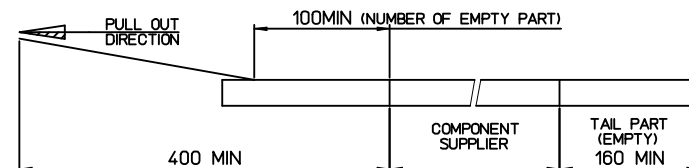
NEW RELEASED EC NO: KOR2013-0022 DRWN: JHCHANG 2012/08/16 CHKD: APPR: YSKIM02 2012/08/31	DESCRIPTION KOR2013-0022	QUALITY SYMBOLS =  = 	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 5:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION				
				mm	INCH	DRAWN BY JHCHANG	DATE 2012/08/16	TITLE 0.5MM FPC/FFC FRONTFLIP SLIM CONN. 56P (H=1.5) HOUSING ASS'Y					
			4 PLACES	± ---	± ---	CHECKED BY KSKIM	DATE 2012/08/16						
			3 PLACES	± 0.005	± ---	APPROVED BY YSKIM02		DATE 2012/08/31	 MOLEX INCORPORATED				
			2 PLACES	± 0.05	± ---								
1 PLACE	± 0.1	± ---	ANGULAR ± 1 °		MATERIAL NO. SEE SHEET 1		DOCUMENT NO. SD-104112-001		SHEET NO. 2 OF 3				
A	REV		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

10 9 8 7 6 5 4 3 2 1



NOTES

1. QUANTITY OF CONNECTORS : 3000PCS/REEL
2. LEAD LENGTH



3. THIS PRODUCT IS HALOGEN FREE (LV.2)

56	57.5	30.29	32.7	104112-5617	56
CARRIER TAPE WIDTH	C	(B)	(A)	ORDER No.	Ckt

NEW RELEASED EC NO: KOR2013-0022 DRWN: JHCHANG CHKD: APPR: YSKIM02	2012/08/16 2012/08/31	DESCRIPTION	QUALITY SYMBOLS ▽=0 ◇=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 5:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	
						DRAWN BY JHCHANG	DATE 2012/08/16	TITLE 0.5MM FPC/FFC FRONTFLIP SLIM CONN. 56P (H=1.5) HOUSING ASS'Y MOLEX INCORPORATED			
				4 PLACES	± ---	± ---	CHECKED BY KSKIM				DATE 2012/08/16
				3 PLACES	± 0.005	± ---	APPROVED BY YSKIM02				DATE 2012/08/31
				2 PLACES	± 0.05	± ---	DOCUMENT NO. SD-104112-001				
				1 PLACE	± 0.1	± ---					SHEET NO. 3 OF 3
ANGULAR ± 1 °		MATERIAL NO.									
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				SEE SHEET 1							
A	REV	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									

9 8 7 6 5 4 3 2 1